

..... 1900

SAVAGE ARMS COMPANY

MANUFACTURERS OF

HIGH-GRADE, HAMMERLESS

Military, Sporting Rifles and Carbines

HERET W. MILLAR, President.
T. R. PROCTOR, Vice President.
Walter Jenous Green, Secretary and
Tressurer.

Directors

H. W. Millar, W. J. Green, J. S. McComb, T. S. Provior, J. A. Raberts, G. S. Faster, W. E. Dunham, G. S. Faster, M. E. Rebinson, METALLIC AMMUNITION

SMOKELESS POWDER

METAL COVERED BULLETS

RE-LOADING TOOLS AND SIGHTS

UTICA, NEW YORK, U. S. AMERICA.

TERMS OF SALE.

J. Terms are net cash.

2. No discount from list prices, except to dealers in actual trade. Special terms for large contracts.

3. Discounts to dealers in actual trade given only on application.

4. Remittances must be made by money order, cash by express or in New York funds or their equivalent.

5. Shipments C. O. D. to parties not known to us will be made only on receipt of not less than 25 per cent. of the value of shipment. The extra charges for making the collection of the balance must be borne by the party giving the order.

6. Goods are never sent on approval. Prices subject to change without notice.

7. Mail orders from unknown parties must be accompanied with cash or reliable references.

SHIPPING INSTRUCTIONS.

1. Re-loading tools, sights, and parts not exceeding four pounds in weight can be sent by mail to all parts of the United States at a prepaid expense of one cent for each ounce in weight.

2. Loaded cartridges, primed shells, powder or primers can not be sent by mail.

3. All goods sent to us must be plainly marked with the name and address of the party sending the same, and all express or other charges prepaid.

4. All goods securely packed for shipment. Our responsibility ceases on receiving a bill of lading.

5. Claims for errors must be made immediately upon receipt of goods.

6. Freight or express charges must be paid by purchasers.

7. Give Post Office address with name of State and County.



| Round Barrel Edle, | | | | | | | - | \$20,00 |
|--------------------|---|---|--|---|---|--|---|---------|
| Grade A Engraving. | | 4 | | | | | | 5.00 |
| Checking, . | + | | | - | - | | | 5,00 |

The engraving is carefully executed scroll work on both sides and top of the receiver, and also lines following the contour of the receiver.

Any kind of barrel and stocks can be had with this grade.



| Round Barrel Rifle, | 1.0 | | | | | 0 | | \$20.00 |
|---------------------|-----|----|--|---|----|---|---|---------|
| Grade B Engraving, | | | | | | | | 10.00 |
| Checking, | | D. | | 4 | 40 | | 1 | 5.00 |

A deer or other animal is engraved on both sides of the receiver with scroll work, with relieving lines on the receiver. This grade can be had with any kind of barrel and stocks desired.



| Octagon Barrel Rifle, | e | | | v | \$21,50 |
|-----------------------|----|---|---|---|---------|
| Grade C Engraving, | e | P | • | | 20.00 |
| Checking, | -0 | e | | | 5,00 |

This engraving is very handsome, both sides of the receiver being covered with scroll work and animal scenes.

This engraving can be had with any kind of barrel and stocks desired.

- (80



| Octagon Barrel Rifle, | | | | \$21,50 |
|-----------------------|------------|-----------|----------|---------|
| Grade D Engraving. | | | | 30.00 |
| Fancy English Walnut | Stocks and | Fore-arm. | Checked. | 15.00 |

The other side of the receiver shows different but equally rich engraving. This grade of engraving can be had with any kind of barrel or stocks desired.



Round Barrel Rifle, \$20,00
Grade E Engraving, 40,00
Savage Combination Rear Sight, 3,00
Checking, \$800

The engraving is very elaborate. Fine animal scenes on both sides of the receiver, appearance. It can be had with any kind of barrel and stocks desired.

. This rifle presents a remarkably rich



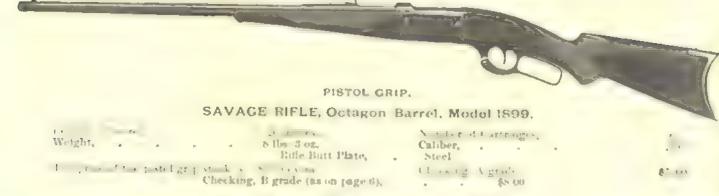
The entire receiver on this gun is engraved. The engraving on the other side consists of a landscape and deer. All engraving is very fine and elaborate.

This grade can be had with any kind of barrel or stocks desired.



| Octagon Barrel Rifle, | D | 0 | 1.0 | | ĸ | | | 0 | | D. | | \$21.50 |
|------------------------|-------|---------|---------|--------|--------|----------|----|---|---|----|---|---------|
| Grade G Engraving, | 0.7 | | | | | ٨ | | | 0 | 0- | n | 1:00.00 |
| Carved Stocks, . | * | 0 | 6 | | 0 | | | 6 | 6 | | 0 | 50,00 |
| Extra Fancy Circassian | Walnu | it Stor | eks and | Fore-a | rm, cl | liecked, | Ψ. | | + | + | - | 20.00 |

This rifle is very elaborately engraved, and of the finest workmanship, in a manner impossible to reproduce in a cut, to do the work justice. The stocks are handsomely carved. The wood selected for this grade is the very finest Circassian Walnut. All parts of the mechanism are specially finished. The rifle can be had with any kind of barrel desired.



Savage Magazine Rifle



As a Take Down.



the at the tree restriction of the second state of which the second state of the burrel from the received and the second state of the second state

lake to see the first of second and the second seco

to reason to the reason to the state of the

Savage Hammerless Sporting Rifle.



SAVAGE ritles can also be furnished to take the 50-30 amokeless cartrages of so ordered



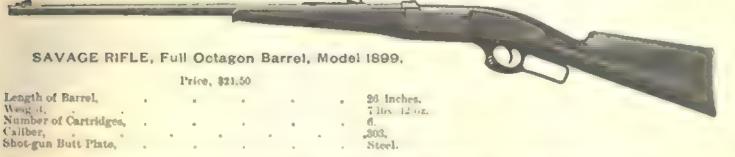
| | - January - Janu | | 5 | | | | - |
|-----|--|-----|---------|----------|--------|---------|--------------|
| (1) | SAVAGE RIF | | | | Barrel | , Model | 1899. |
| | Length of Barrel, | . ' | l'rice, | \$21 50, | | | 25 inches. |
| | Weight, | | | | | | 7 lbs. 8 oc. |
| | Number of Cartridges, Caliber, | | , | | | | 6. .303. |
| | Shot-gun Butt Plate, | | | | | | Steel. |

SAVAGE ratios can also be furn shed to take the 20.00 smokeless carte dges, if so ordered.

SAVAGE RIFLE, Full Octagon Barrel, Model 1899.

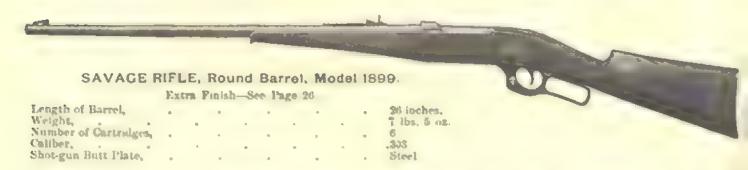
Price \$21.50.

| Length of Barrel, | | | | | 26 Inches |
|-----------------------|---|---|---|-----|-----------------|
| Weight, | | | | * 4 | 8 lbs. |
| Number of Cartridges, | | A | - | h | F _{FF} |
| Caliber, | 4 | | | | .203. |
| Rafie Butt Plate, | | | | | Stori. |



SAVAOL rifles can also be furnished to take the 30-30 smokeless cartridges, if so ordered.





Farcy Stocks, Checked, Engraved. For Prices see page 24.

SAVAGE rifes can also be furnished to take the 30-50 smokeless cartridges, if so ordered,



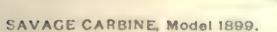
ANGULAR BAYONET.

SWORL BAYONET.

SAVAGE REPEATING HAMMERLESS MILITARY RIFLE.

Prices on application

| Larget, of Barrel, | | | | | As notes |
|-----------------------|--|---|---|---|----------|
| Weight, | | 4 | * | - | 84 lbs. |
| N er of Cartrol gray, | | | | | r i |
| talent, . | | | | | .303. |



Price, \$20 00

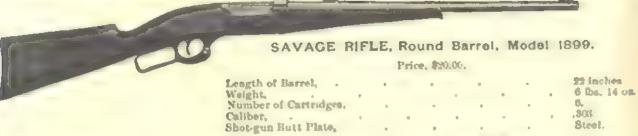
| Number of Cartridges | 71 Hz |
|----------------------|-------|
| Caliber, | E. |

SAVAGE rifles can also be furnished to take the to his modeless cartridges of occurrence



TOP VIEW OF SAVAGE SPORTING RIFLE.

The enal compact magazine system of the Savage 563 rifle gives, he arm a remarkably teat appearance, so that it is generally taken to be a single shot rule only, no outward's gu of a magazine is apparent.





Rear View of Magazine.

Showing position of cartridges in magazine.



RMPTT.

PULL. SAVAGE rules can also be furnished to take the 70 % smokeless cartridges if so ordered



It is steel plate is h inch thick. The perforations were made by the Sh, expanding hillet and regular charge of armiteless powder, fired from a Savage magazine rife at a distance of thirts feet. The holes are everla fund in districter, while the builet is only 1980 or about 30 caliber this is caused by the expanding of the follet on the first impact. The penetration of the regular metal covered bullet in place is about 50 inches.

DESCRIPTION OF SYSTEM. Model 1899.



LOADING OF THE SYSTEM.

The magazine is charged while the system is open. Open the Finger Laver A to fullest extent user proceeding outs. Insert early a size of the system is postery their cheads to rear down and under the Catch B on but made Cut off C. The thumber of the figure the right hard should be used in this operation (see out page 22).

The capt is of the magazine is two arterdges. A sixth carterdge can be placed in the breech opening L above the catch Line is to a long to be a released to the Breech Bolt E into the charge of the larger. The rate is then ready to fire

THE RIFLE AS A SINGLE LOADER.

The confine magazine discharge into the breech opening D forces the Automatic Cut off thack into its recess in the Receiver ratio, the propositioning on the magazine below the use of in sement of the Breach Helt E, so that only the cartfulge in the breach opening will be organised by the breach bolt on its forward travel.

THE RIFLE AS A MAGAZINE GUN.

If the sperator does not place a cartrolge in the breech opening B, and there are one or more earthdges in the magazine, the Bis of hold by a its forward travel will engage and carry forward into the barrel change it the uppers out carriedge in the magazine.

The Automatic Cut off C has on its face a projection T which ejects the fired shells, after being withdrawn by the Extractor F to the Breec's out E

LOADING MAGAZINE, MAGAZINE ACTION.

If it is desired to have the cartesigns in the magazine and non-in-the shareher of the barrel load one or more cartridges into the magazine passe with the fraget of the eff land the Ademits Cut of that k onto its recess keeping it back while the Finger lever As perates the fire to solt Efficient and beyond the point of encapture it wits the cartridge head in the magazine. Con-left for all sing of the action.

SAVAGE RIFLE, Model 1899.



- F. Extractor.
- Magazine Carrier,
- Projection or Receiver for Finger lever.
- Sear
- Hammer.
- O. Main Spring.

Model Ritle 1800 is manufactured with the new hammer indicator,

When the hammer is at full cock, the Indicator I projects above the Breech-bolt, when the rills is fired or the hammer is down the ind, after is thish with the top of the Breech belt

- P. Siar Srin
- R. Trigger.
- S. Trigger Safety Projection,
- t. Reco i Shoulder
- Trigger and Lever Lock
- Y. Indicator

When the action is chosed, or the finger pressing back the Automatic Cot off Contouts recess the numerals on the Magazine Carrier G show, through the opening in the receiver, the number of carrier ges contained in the magazine.

The Breec's bolt E is positively operated by the Finger-lever A, without any intermediate rischanism and when chief ready for through is dismorably locked by the Finger lever A resting on a solid projection at H in the receiver. The receiver charge as operated at I and is in the direct line of the strain.

The Breech bolt Exarries the extractor F, Retractor I, Hammer V, Main Spring O, and Indicator Y

FIRING AND SAFETY MECHANISM.

The ring mechanism is operated as follows. If the rife has been fired, the act of opening the Eugendever 4 and thereby breach beit E rocks the Retractor L by engagement with the Sear Pin P and the History A (with tring pin is positive), refricted and held back from the face of the Breez i bolt E. The closing is overcomed to the Breez bolt brings the Hamiltonian Vin agreement with the face of the Sear E, compressing the Main Spring O and the rith is fally on kind.

PREMATURE EXPLOSIONS ARE IMPOSSIBLE.

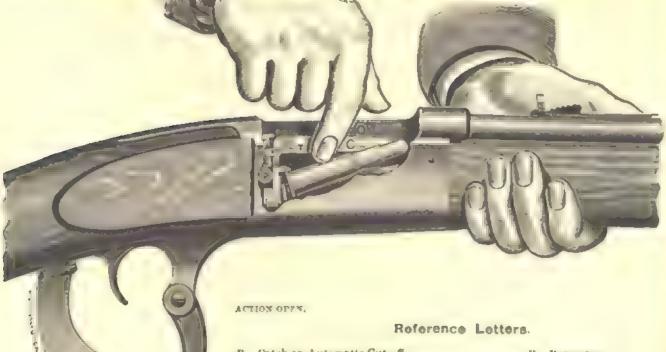
The firing mechanism can be placed in an uncocked position by holding back the Trigger R while closing the Finger-lever A. The Hammer N will in that case pass over, and not engage with the face of the Sear K.

This should always be done when laying the rife aside, and the trigger should not be sear jest when the combined the batter is enq by.

The action can be locked by pushing forward the Lock 3, which looks the trigger and lever.

The Indicator I shows the position of the firing nechanism

LOADING MAGAZINE, SAVAGE RIFLE, Model 1899.



- B. Catch on Automatic Cut-off.
- C Automatic Cut-off
- D. Breech Opening.
- Breech Bolt.

- E. Extractor,
- P. Sear Screw.
- T Elector
- V. Trigger and Lever Lock.

TO DISMOUNT THE SAVAGE RIFLE, Model 1899.

It will not be found necessary to dismount the entire mechanism for the purpose of cleaning the rifle. When the butt-stock is removed, most of the mechanism will be in plain view and can be oiled without further dismounting.

If necessary the magazine mechanism can be removed independently of the other parts

Dismounting: Remove the butt-plate, the butt stock screw and butt-stock, open the finger-lever to fullest extent, remove the trigger spring screw, trigger spring, bolt-stop screw and bolt stop, remove the inger-lever, bushing screw, push out the finger-lever bushing, displace the finger-lever at pivot joint, withdraw the breech bolt, remove trigger-pin punching the same out from left to right, remove the sear screw, take out the sear and trigger, take out the finger-lever, remove the trigger and lever lick, remove the fore-stock screw and fore-stock, unscrew the magazine spindle screw and remove it free from receiver, remove the magazine carrier and magazine spindle, and then remove automatic out-off and spring.

TO DISMOUNT THE BREECH-BOLT.

Remove the hammer bushing screw, pull out the hammer with the main spring, hammer indicator washer and bushing, turning the hammer to clear the indicator, punch out the firing pin securing pin, unscrew the firing pin and remove the retractor verew

Pench out the extractor pin from top to bottom, the extractor will then be free. Punch out the hamner mercator pin and the melicator will then be free.

To separate the magazine spindle and the magazine carrier, pull the magazine spindle out of the magazine carrier, the magazine spindle out of the magazine carrier, the magazine spindle out of the magazine carrier.

TO ASSEMBLE THE SAVAGE RIFLE, Model 1899.

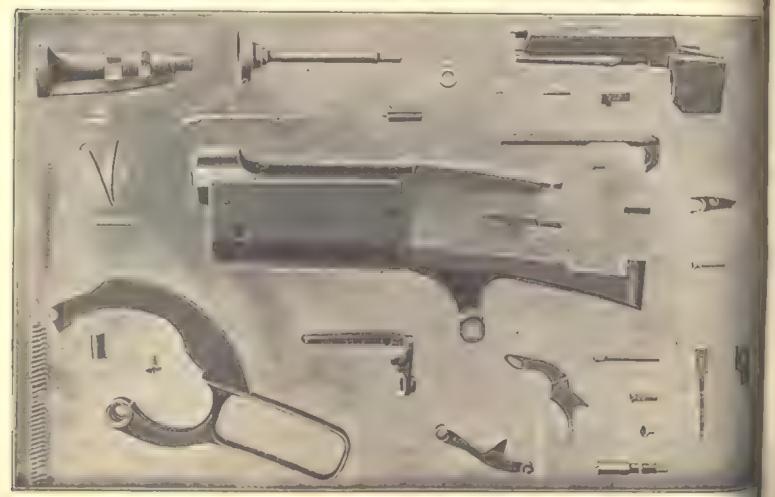
Replace the parts in the reverse order from that given for dismounting, keeping in mind the following points:

Replace automatic cut-off and the spring. Replace the magazine carrier, magazine spindle, and magazine spring together, and give tens on to magazine carrier by turning the spindle, with a screw-driver, from right to left. Insert the spindle screw. Do not give too high a tension to magazine spring, as it will make the loading of cartridges into the magazine unnecessarily hard.

In replacing the retractor in the breech-bolt, be sure that the retractor is in retracting position, (as shown at L, page 18), before replacing the hammer and breech-bolt.

NOTE. Model 1895 has a retractor spring.

COMPONENT PARTS OF SAVAGE HAMMERLESS REPEATING RIFLE, .303 Callber. Model 1899.



PRICE LIST OF COMPONENT PARTS, Model 1899.

| So | 1 | herever, | | | . 07.00 | No. | 23 Seur Scrow, | 30 |
|----|------|------------------------------|----|---|---------|-----|--|----------|
| | | Breach helt, | w | - | . 3.00 | | But Weller and the state of the | 05 |
| | - 1. | 1(at. to f | 4 | | .00 | | AND AND THE REAL PROPERTY AND ADDRESS OF THE PARTY AND ADDRESS OF THE P | 05 |
| | 4 | Firing Pin, | | | . ,40 | | 46.3 92 | 03 |
| | 7 | Hatter Balling | v | | 15 | | and the state of t | 05 |
| | Cr. | Hammer Retracter. | в. | 0 | 30 | | 000 PA 9 A4 A4 | 05 |
| | | Sear. | ø | | 40 | | 41 D. h. Chan | 10 |
| | - 64 | Transfer, . | | | 40 | | 33 Barrel (Round), | |
| | 0 | baser lever, . | | | . 1.75 | | STA Barrel (Octaores) | |
| | 343 | Finger lever fluxling, . | | | 28 | | Sin Barrel (Half Octagon), | |
| | 11 | Fatra-ter, | | | 80 | | 24 Buch Street | |
| | 12 | Magaz ne Carner, | | | 1.00 | | 31 Rutt Streek Same | 25 |
| | 1. | Magaziro S, indle | | | 50 | | NA Phone Philas (Thinks) | 80 |
| | 14 | I reger and Lever Lock, | | 6 | 50 | | The Rutt Plate (Shot Court | 80 |
| | 15 | Aut matic Cut off, | | | 2 100 | | A Alexandra and a company of the com | nu No |
| | 34 | A tomatic Cat of Spring, | | | 25 | | 37 Foreigns | |
| | 17 | Main Spring, | | | 80 | | War and Grand | UG- |
| | 15 | Trigg r Spring, | | | 30 | | 50 Peace and West a | |
| | 19 | Magazine Spring, | | | 80 | | 40 Harrison In March | 10 |
| | 290 | Rarre Stal | 4 | 4 | 25 | | 41 Managara Tadanas - 50 A | 40 |
| | 1 | Maran or Spiritle San w | | | 15 | | Act What I have been | 10 |
| | 23 | Fings Service Bushing Screw. | | - | 15 | | Han man Dane at the same a | 05 |
| | 24 | Hammer Retractor Screw, | | | .10 | | 43 Classification (Small expension of the state 1835) | au . |
| | 34 | Hammer Bushing Serew. | | | 10 | | 43 Cig Stop (Small projecting part on top of Breech-bolt). | |
| | | | - | | | | Breech-bolt), | 20 |

In ordering give the name and number of the part.

Nove In ordering Butt Stocks of Fore-arms mention if ectagon or round fore arm, and finite, carbine or shot-gut butt is required.

Savage Rifle.

EXTRAS.

| | EVI | nas. | |
|---|-----------|--|-----------|
| Barrels can not be supplied longer than 20 inches | | Full Silver Plating, except farrel, | \$10.00 |
| Additional leagth over standard per inch, | 1.100 | Gold-plated Trimmings, | £11101 |
| Facey American Walnut Stock and Fore arm, | 5.00 | Pull Gold Plating, except barrel, | 22.00 |
| Fascy English Walnut Stock and Fore-arm. | 111(0) | Matted Barrels. | * (36) |
| Fazey Circassian Walnut Stock and Forearm, . | 15.00 | Extra finish on ordinary stock. | 2.00 |
| Licking Butt Stock and Fore arm, Style as show | n on | Swivel and sling strap, | 1:00+ |
| Jage 4) | | Leaving off rear sight slot, | 1.00 |
| In a right black and Prevalent Style as show | titi | Cleany by position concern to all the | 1.00 |
| [tage 6), | | Charle Piece, | 6.00 |
| Next pared Team or aga, | B 544 | Pustol Grip, | 5 101 |
| h b New I Blang evop: amh | . 400 | Altering length of butt stock or drop. See page 50; | 10.00 |
| Silver-plated Trimmings, | 4.6 | The same of the sa | Zericke. |
| | | | |
| | ENGRA | AVING. | |
| Grade A. Page 3, | . \$ 5.00 | Grade E. Page 7, . | \$ 40EDO |
| Grade B, ** 4, | . 10 00 | Grade F. " 8, . | Settler |
| Grade C 5, . | 290.100 | terade to the spanish we obtain cover | 2.00 (40) |
| Grade D. ** 6, . | , 30 HO | Name and Scroll, | 2.683 |
| | CARRIED | DIVA | |
| | SUND | KILS. | |
| Canvas Covers, | . 8 75 | Brass Cleaning Rod, with revolving landle, | . 8 NO |
| factor Carry nather than 1 | 2.144 | Brass Cleaning too, revolving har the proceed | , a 9 |
| Phable Leather Cover, | . 8,00 | Brass Wire Cleaning Brush, | . 35 |
| Nord Leather Case, | . 5.00 | Hickory Cleaning Rod, | (41 |
| Carbine Holster, | 2.00 | Field Cleaner, | 7919 |
| Cartridge Belt, | , 100 | "Tires it One perfettle Sergage 28. | 25 |
| Brass Cleaning Rod, | . 30 | , it Sarage tout terease per tole in page 20 . | 15 |
| | | The state of the s | |

Important Information.

I flex who life mays be properly tenred and colled before favorit and e-

To perfectly clean the traider of the basic take should epint precised thin ray dip in water and post or pull through the brequent, a worder brase car are credit one of the repeated one the parameter ight with at being a deal next jut one gives and precised deverage which all the river to is absert or and with about mag.

It is there of the party, occurred protect or fewers for manual eastern gas and coan will ray and one

The control parts of the ride need only will be of with a coan diving to many with an arrest

The rice after being 'and to riced at old a ways be wise a fland of ed before as any aside otherwise will form on the analytic form the molecure of the hands

New reduct a rife when there is may obstruction in the harred, a scaling at the first we see the classical areas, the rebeautisty destroying the accuracy of the barely or he harred seeks even a see

In testing a ritle for assurance their reflection in a viscour is red peasible to get a circle viscour by that means. The best was is to rest the rifle on eags. Red with sand, taking an easy riving peasing with the only and army.

It note did not a rife because of occasional or close the tree do may be one to cold over the Chine che all be taken not be seek one in the mant spring below to breeze be traced to higher to be given by the action of the spring and tring pro-

It ware cold temperature an colored grower should be sujed from the main spring through and act. It as I a how of a nucleit of freeze. Misfires cometimes occur from this cause,

Dishest he wever fast their selects are sudject to the law of gravity and from the recovery they leave "considered to have fall during the tity when he feet and a ration. At a cistance of the series, a leallet in different a Savage he leave! a full charge of to I pender will fall a few inches. This is what is meant by point slank range for "inting."

Heres, releas specially ordered are not sool sould araccura y before leaving the factors. The sight same adjoinable. Expense of a sillar shooters do not leak to reight age to exactly the same. However, however, but y the rights has been just at legace or experiently be found necessary. The single section is a together all the form necessary to about a regime of the same to to about a remain. Our leaving

I knowle the from a remobile wight ever to one aide all that is more easily to a small proce of and wood or man and a larrence. The standard occurrence means of the wholes are useful to us.

Leighboromat of but parto front of rigg r lengths

Drop of stock at comb, 13 inches.

Drop of beel, 3 inches.

Any change from these measurements necessitates manufacturing the stock from the block without the aid of machinery and is expensive work. The charge is \$10,00.

It is possible to convert the 1855 model into the 1860 model, for which there is a charge of \$5.00. This change necessitates a new breach bolt, hammer indicator, sear firing pin, hammer, extractor and retractor.

The steel used in the Savage rifle barrels is of the finest possible quality. Every batch, technically known as a "heat," is tested by the Government tester at Watertown Arsenal. The tensile strength averages 115,000 pounds to the square inch, and the clastic limit 75,000 pounds to the square inch. The steel is manufactured by the well-known firm of Spaulding & Jennings of Jersey Uity, N. J., who supply large quantities to the United States Government for rifle barrels.

Drift is the term applied to any deviation from the vertical or horizontal planes of fire, other than that caused directly by the force of gravity.

Drift is occasioned by the resistance of the air, and the amount and direction is influenced by the twist of the rifting and velocity and form of the bullet. This results in bullets of different construction and weight, and with different charges, shooting to the right or left.

In reloading Savage ammunition, care should be taken not to overcharge, especially the paper patched and nuniature lead bullets. If even one grain is used over the regular loads, these bullets are hable to strop and shoot wildly.

SAVAGE GUN GHEANE, and Rust Repeller.



THREE IN ONE Gun Oil, Labricates, Cleans, and Repels Rust.

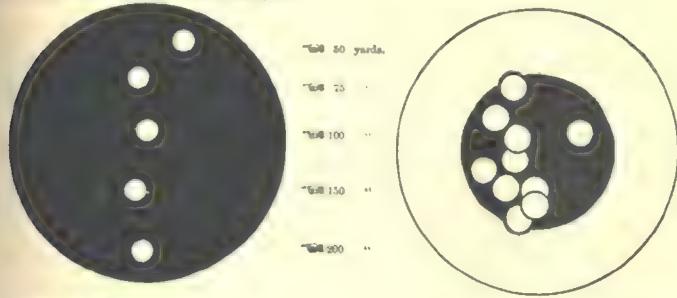


Price, 3 oz. bottle, 25 cents.

Price, per tube, 15 cents

Targets Made with Savage Rifle.

Point blank range. Sights not altered to shoot up to 200 yards.



Regulation S-inch bull's-eye Shots at 50, 75, 100, 150 and 200 yards.

The marksman fired the first-shot at 50 yards, then waked back to 75, 100, 150 and 200 yards, dring a showat each flatance, and without sifering the sights or calculating the different distances.

Beguiar Bullet Cartridge, No. 1.

Ten shots at 100 yards. Actual size bull's-eye Mitlature Lead Ballet Cartridge, No. 4.

Savage Cartridges.

CALIBER .303. CASES CONTAIN 1,000 CARTRIDGES.

| Cirisidges are packed 20 in a how. It is not always recess to the section greaterages in the Savage rifle, Carreages No. 4 and care excellent to short range or small gains. | estatoro | Price per V Londed | Price per 14 l'ulibra. | Present Stelle | Prespect of | Grant Parley. | Grades Bullet | Carridge. |
|---|----------|--------------------|------------------------|----------------|-------------|---------------|---------------|-----------|
| REGITAR SMOKELING POWDER CARTILIDUR. Lord, with Nickel Court | Hegular | \$ 0 is 00 | 9 (d) 10:50 | 17.30 | 3 61 | der Mil | 140 -57 | *) |
| EXPANDING SHORFLESS POWDER CARTHINGS. REPARTING BILLET (over, cover, |) rjand | ,n,(li) | 10.20 | 18 50 | 1,50 | ,) | 185 28 | 4) |
| BLACK POWDER CARTRIDGE. BLACK POWDER CARTRIDGE. BEACK POWDER CARTRIDGE. REGILEAR RILLIER. Jean, wo brokel care. | Black | 52,00 | tn.50 | [% %) | 1 1501 | (h) Black | 1=0 39 | k) |

| For short ranges and in places where it would not be safe to fire full charges, use Nos. 4 and 6. | Cartefâge | Price per M London Cartefages. | Price per M Bullets | Free par V | N S S S S S S S S S S S S S S S S S S S | dravas Founder. | Grant Bellet | Oranses omplete |
|---|--------------------------------|-----------------------------------|---------------------|-----------------|---|-----------------|--------------|-----------------|
| MINIATURE SHORRIERS CARTRIDOR, Grooved Shell, Lead. | Minim- | 20 00 | 5 1 | \$: 1 % TAD | 100 | | 100 | 613 |
| PAPER PATCHED SCHOOLS TARGET CAREFIELD BLEEKT Lead | Paper Patched. | ≫ (0) | 10,00 | , 18.50 | 1,50 | 12 | 185 | 372 |
| MINIATURE METAL COVERED CARTRIDGE. MIN. METAL COVERED REIGHT. RULLET Lead, with metal cover. | Miniature Metal Covered. | 32.00 | 7.00 | 18.50 | 1.50 | 12 | 100 | 203 |

All the above Six Cartridges can be used in the .303 Savage Magazine Rifle or the Savage Carbon with ut any change being made in the arm. The metal coverings of the different builts are made of a soft alloy, which does not injure or wear the riding of the barrel.

Description of Savage .303 Caliber Cartridges.

No. 1. Regular Cartridge, with completely notal covered build designed for long range target shooting, is well adapted for wild goes shooting. The notal cover will not repture on striking flish it wood. Its penetration is about 50 inches in clear white pine. Range, 2,000 yards.

Savage or less sent and wear the rather of the barrel. The pickets of the billion of No. 1, No. 1 and No. 3 certridges are composed of an above of nuclei and copper. No steel is used. Seven the sand No. 3 certridges have been fired in a Savage rath within a showing any superstant of the rather

Vo. 2 Expanding Cartridge. For big game. Its high velocity soft-noved, expanding billet makes it more effective than the largest back powder variadge. Hange 2000 varids. Proct dank sporting range for hunting, 225 yards. This bullet will expand upon striking flesh.

Its percentation is about ten inches in clear white pine, making a very large hole.

Penetration in steel, see page 17.

Per affectiveress see page 46

DEFORE EXPANDING.

APTER EXPANDING

- No. 1. Black Powder Cartridge. A medium range cartridge. Accorate up to 100 sands. The regular bullet is used.

 Black powder can be used in all Savage cartridges, to grains being as much as the shell will hold.

 Fall sized ican bullets can not be used with a shell full of black powder, many of the charges of stockeless powder, as the quick twist of the rilling stripe the lead, even when of hard alkey.
- No. 4. Miniature Cartridge. This carifolds with its small miniature lead be list, asvery accorded up to 100 yards. It is suitable for small game or short range target shooting. Cost of releading one had cent. The shells can be releaded to its tely. No worlding of idoug of any kind is used between the powder inside lot digress of Savage. No. 1 on Monel, Smoke ess Powder is the charge 10 grains of black powder can also be used instead of the annikeless. This miniature lead built must not be crimped. Barrel should be kept well cleaned when using this carifolds.
- No. 5. Paper-patched Bullet Cartridge. Designed for regular target shooting up to 200 yards. Not to be crimped. Information on mould, page 43. Patches, page 43.

No 6. Miniature Motal-Covered Bullet Cartridge. A smalle cartridge for short range target-shooting. The Miniature shoft is used and the metal covered additionable strongly crimper.

This carriedge makes excellent targets at we learning yards. It is very clean, as the jacket on the billet prevents leading of the barrel.

The laid for this cartridge is ten to twelve grains of our No. 1, Midel 1809, smokeless powder. Shel's can be reloaded a number of times with this charge.

LUBRICATED WIRE-PATCHED BULLET CARTRIDGE.

Loaded Cartralges, Price \$38,00 per thousand Bullets. 44 10.50 44 44





This bullet is wound with Lubricated Fiber Covered Wire. These bullets can be had in 160, 180 and 200 grains weight. The powder charge is eighteen grains of the No. 1. 1800 Mode. Savage Londer. The billet expands in tesh and makes a very accurate carriedge. It can be usen with forty grains of black powder.

The different cartridges mentioned above can be used in the same .303 Savage Magazine Rifle or Carbine without any change or adjustment whatever.

RELOADING SMOKELESS POWDER CARTRIDGES.

Savage shells can be releaded a new berief times according to the charge. In full charges the prescent is considerably more than from book provider. The shells therefore will not last as long. An exercise for their shorter life is the action of the nor configuration of the first shorter life is the action of the nor configuration of the formula that is used in primars for black product. This increums gas acts on the zon in the composition of the orass, thereby can are our degration of the initial.

POINT BLANK RANGE.

Builds however fast their velocity are subject to the law of gravity and from the moment they leave the muzzle of the bord, they fit moving the bord second 16 feet and a few training. A advisage of No 1 pewiler, will fall a few moles. This is what is count by point blank range for hinting.

Advantages of the Savage System.

| swdergas can escape to the rear of the breech nechan suctoom; in the esc of the operator |
|---|
| the exercise a broken grower, or defective whell. The operator expression by a volid wall |
| |

- . Positive, multiplied extracting power.
- 4. Postive a court slank ejected to the vide of the operator and awas from his face
- 5. The very is persual necessity of safety to the operator should never be verlocked. The Savage is the only repeating sporting rife on the market that has no open communication to the rear. An excessive clarge of high explosive can be bred in any rifle sufficient to destroy the barrel but the operator using the Savage can not be injured.

THE ACTION CAN NOT BE BLOWN OPEN.

Cartridges comot be fired until the brooch mechanism is absolutely closed and safety looked

- 6. The enter system, trigger inger lever bree habits etc., is looked by operating the trigger and lever-look
- 7 Non-cong hammer to distract the som of the operator. The rib has ne projecting lammer to be a conget and thereby cause recounts
- A Thorpes con of the firing meet anism is always shown by an automatic indicator
- " Few springs and component parts.
- · Light weight.

Extractor.

Ejector.

The Only

Simplicity. Weight.

Action.

Hammerless

Repeating Rifle.

Safe.

- If Fish some the relation the halance and any of the rate is not distincted while tiring the magazine carridges.
- Rapidity.

 1. The rit can be easily and a cirately operated from the shoulder plant or the enclosed farmer is a keal by the clearge over of the larger level that pressing the ritle to the shoulder and steadying the aim.
- Finger-Lever. 1 The case of a arm of the inger lever always prote is the ingger and provents at from being caught and operated accidentally.
- Single-Loader. It happil single loader, can be operated independently of the magazine.

| Magazine | 15 | of a ment of the star of the s |
|--------------------------------|--------|--|
| Indicator | | Pr - 18 to at great more it and portrated to be about a financial |
| ls a Positive Advantage. | | Cathoges with a rice and readon of the sibstone of the period of a read of the site of the grant of the shell. |
| | 15 | Carringes with a gazan be separated whe his wile, and no ballets to the trace are of orthocartridges. Safety is thus secured |
| | 11 | The narrative and month also, we have a series of a forest the risk are give and carrentges or the narrative are normalist to the 2x permitting the tanger have |
| Automatic Cut-Off. | 23.1 | Carte ages in he magazine are automate also be dim resorre willowing de rate as a signifiade r |
| Bullets. | 21 | Metal control bull is give greater per trat on than orderary lead bullets. |
| Powder. | ** = + | Ether black crops keleas to weller can be used at those riths |
| Smokeless Powder. | | I can if the putit contacts and and limater of sperator in the error by any sic ke |
| | 24 | Less recoil and noise than black powder, |
| | 2.4 | Note to the former and the rate is accurate after repeated tring |
| | No. | Greatly is reased peregration over black pewder, |
| | *** | Extremely long range, |
| | | Light-weight ammanition. |
| | 24. | the transfer and enveryments lattrajectory. Velocity 2000 feet with a re- order or into ankira ge- within limiting distances. |
| | 41 | So corresponds as a critical Selected to country for all day |
| Miniature. | 1 | By our ship has habite and was transfer a loop correspondent and a crater for gallery practice or abouting small game. |
| Expanding Bulints. | | will make expanding high terms there is Cott's highest grown |

Perior has ref terrestill to a grass work by file a too is unsupposed where the absence of all knobs, protuberances or magazine below the line of the frame, a mass missission a result is the state to be very handsome and symmetrical in appearance,

Savage Rifle Powder.

No. 1, 1899 MODEL.

Price Per Pound Can, \$1.50.

This powder is the new No. 1, 1829 Model, Savage Powder, and all Savage. 201 Cartridges, including the little lead miniature bullet No. 4 Cartridge, can be reloaded with this powder. The charges are as follows:

| Vi. | R gular Hillet, smokeless eartridge, | | | | | | | 5. | gradis |
|-----|---|--------|--------|---|---|--|-------|------|--------|
| 1 | the parmer of the last war helper carriedge . | | | - | | | | 22 | , |
| | 1. I and the of remains we know we are be | | | | * | | | - Cr | 4.6 |
| | h, Paper Parched H. let are to less carriedge | | | | | | | 12 | * * |
| N | Many rates Martial Languages to let attacks least | ACL C. | 41 770 | | | | 100 1 | 1. | h. 1 |

Entimered Wire that sed Bullet carrielge, Is grain. Sweep't a op of the meas restraight a ross

The Savage Arms Company quarantees that the Savage attackness powder will not frieze or deteriorate in the lowest temperature

Matrice are babberone relating externs cold weather when to reach in has been used in the reclaims. Care aloud be taken to was also and grease from the region manaspring in the reach box and a length solution has a when the there existes below zero.

Savage smake has pessilet certains menute giventure reliera reserve, deleterans or instable substances. It will be found thoroughly reliable, producing a inform pressure and decreases re oil act a high velociers.

CAUTION!

In thong and deless penders the dire time MUST be followed arefully. We will not be responsible for an stakes from ever large or the contract to the members of the

There is a great variety of which explores perceives minimized and for differ it purposes, what is regularly of ordinary for the current for t

I di d'ages of vir kons powder ne mada harder on vallathun brak power and to vouch the releabel mess times without trouble from splitting or breaking.

Orders for Nos 1 and 2 powders will be folled with the No 3, 1879 Model, smokeless powder, which takes the plant of the two old Savage powders.

The Savage Rifle is guaranteed only when used with ammunition manufactured and loaded by the Savage Arms Company.

Advantages of Smokeless Powder.

The absence of smoke enables the operator to the concealed and retain an unobstructed view of the game or the enemy Several varieties of smokeless powder do not even emit a flash in the darkest night.

The longer range gives the soldier or sportsman using sim keloss powder an immense advantage over those using black powder guns and announteem, while the greater penetration makes the small build extremely effective. Steel boiler plate, equal in strength and thackness to the material employed in the enstruction of torpedo boats, is easily perforated by modern small arms using smokeness powder ammunition.

The extremely high velocity is obtained by the slow or inhustion of smokeless powder, which continues its expelling action, accelerating the speed of the projectile until it leaves the nozzloof the gin. The slow—comparatively speaking action of the new explosive accounts for the fact that, although the force and speed of the new hullet are so much higher than the old lead hullet in front of black powder, there is about 15 per cent less recoil.

Those firing the 'Savage Bile 'experience no inconvincence fe corrected in using cartridges haded with suckeless powder

The velocity of the built throng 2000 feet per second as against trum 1 100 to 1400 feet per second in heavily loaded black-powder cartridges, gives so that a trajectory that for hunting distances up to 225 yards, rates gives need not be raised.

The non-forthing of the harrel can be appreciated by all sportsmen and reds of shots can be fired without the necessity of cleaning the bore. The barrel of any rifle should, of course, be properly cleaned and oned before laying the weapon aside

It was at first supposed and in fact used as an argument on favor of adopting the small callber builds with their high velocity, that they would more often wound than kill the enemy, thereby croppling his investments, but facts have not borne out the supposition.

The largest game in the world, the reval llengal tiger of linear, the elephant and the rhonocerous of Central Afrez, are now being successfully limited and slain by men using the real caliber Strage ribes. Soortamen who have never tried the small metal covered and smokeless powder aromaintion are soon what skepti at as regards the ki, rig or stopping power of the small metal covered expanding hallets. These are far more deadly than back pender aromain tion in wester large the caliber. The secret of the deadly effect of these small project less has in their expanding qual ties and extraordinary high velocity, which impart a percentage of their energy to the otherwise mert flesh and home, and fless substances, being acted upon by so quick a blow, become them nelves projectiles, following a weekknown mechanical law laterating the surrounding tissues and bone, and leaving a path of destruction which is widened by resistance encountered by the bullet.

The complication of small calcurate the tallet and the screen is peaded as colours to come and the The hat refer to produce from the exercit anokaless powder is only possible when control is the such exercit. I at here is en the from one of these entrologicand the present strak no explosion of the pewder who are The small it is extend the build radional necessars to bug the the same in order to seems subsucht weight. The sharp profit for the manner of the It doles is necessary to keep the point of the build end on and present key holing

The rapid twist of the rating and the great pressure of su okeless powder compels the loc of accessioning contact than lead as a soft lead bullet would be blown directly out of the barrel, the bullet would strip. The body of the new bullet is formed of lead, covered with a metal jacket.

SIBLEY COLLEGE. CORNELL UNIVERSITY. SAVAGE ABJIS COMPANY.

Utlea, N. Y.

Department of Experimental Engineering. R. C. CARPENTER. ITHINKS, N. Y. YOU S. 1808.

treathmen -I have the pleasure of reporting the following as the result of tests of particulars for 0 x13 caldier infe and leaded with sinckelius je wiler by the Savage Arms Company.

The carriedges were fired at the ordinary temperature of the air and also after they had been municipally in a both of liquid carbonic acid for six losirs and had reached a temperature approximating 100 degrees, but where care being taken to handle the cold eattralges with non-conducting material, and to fire them immediately after removing friendly carbin cond-

In every case the carriedges apparently fired as well when at the extremely low temper of the extremely low temperature of the air, although measurements of relocity which were made by bring into a suspended target indicated that the other of the extreme cold was to reduce the velocity about 74 per cent,

The target employed was a block of june 24 inches in length and about 8 inches in diameter suspended in a cast from terring and backed with a cast from plate. In every case the striking energy was sufficient to carry the bid entirely through the wooden black and to reduce it to very small fragments by the impact against the iron plate,

It would seem from these experiments that the powder which is emplesed in the Savage extra days could not be frezen so as to sensibly reduce its energy in any temperature likely to be hiet with by civilized people,

Very truly yours,

R. C. CARPENTER.

Prof. of Experimental Engineering.

Sporting and Target Front Sights.

FOR SAVAGE MAGAZINE RIFLE.



Lyman Ivory Bead Front Sight. 1'rice \$1 00.



Lyman Ivory Hunting Front Sight. Price, 50 cents.



Lyman's Patent Ivory Bead Wind-Gauge Sight. Price \$2 50.



Rocky Mountain Front Sight Knife Edge . Price, 25 cents.



TAPE WITH OLDER



UNED WITH IVORY. Lyman's Patent Combination Ivory Front Sight. Price \$1 00)

No. 6.



Lyman's Patent "Jack" Sight. Price, \$1.00

No. 7.



Lyman's Sporting Wind-Gauge Sight. Price, Solde.



MOWING GLOBI

No. 8



SHOWING APPLITURE.



Sheard Patent Copper Sead Hunting Sight. Price, \$1 50.



No 10



SHOWING APERTURE. SHOWING GLORE, Lyman's Patent Target Sight. Price. \$1.50.

Sporting and Target Rear Sights.

FOR SAVAGE MAGAZINE RIFLE.





Sporting Leaf Sight. Price, \$1.75.



No. 12

Leaf Sight. Price, \$1.00.





Express Sight. Price, \$1.50.

No. 15.



Spirit Level.
To fill rear sight slot.
Price, \$1.00.

No. 14.



Rocky Mountain Rear Sight Buckhorn).

Price, 50 cents.

No. 16.



Blank to Fill Rear Sight Slot. Price, 25 cents.

Sporting and Target Peep Sights.

FOR SAVAGE MAGAZINE RIFLE.

No. 17,



Savage Wind Gauge Peep Sight.

Price, \$2.00.

PLACED ON TANO.



Savage Combination Rear Sight. Price, \$3,00.



Savage Combination Rear Sight with Cup Disc

(Ces be used with or without Disc.)

Price, \$3.50.

Telescopes for Savage Magazine Rifles.

JULIUS KING OPTICAL CO. TELESCOPE.

telerement of through ut. Water and deat proof. A'wars in focus for any range. Field of a in large that and highly till it rested throughout. Fetted with non-breakable cross hairs. Encased in non-perferated scampess steel to ing his ed to suit the gun.

It is a pas fore, and in a ne styles enagnifying pewers \$ to 18 diams ters, and lengths o reespendingly from 14 to 26 inches

The lake operan als to seed as a malt grass Prices from \$1000 a \$1000.

More than an of blood stool having will and a cast job's riterating innormated coming permitted with interest of a first stool of the control of the control

THE JOHN W. SIDLE TELESCOPE.

Specially adapted to repeating a few, allowing unobstructed use of open a glita. All have adjustment to suit different eyes. Price Ference per with me intings. \$10000 up to \$5000. Meantings, \$2.50 to \$5.00.

THE DUPLEX RIFLE TELESCOPE SIGHT.

Lawson C. Cummins.

Wile field of vision. High illimination. Achievment: Searches be we steel table. Price Telescope with monthly's \$12.00. A singlets are littled with elevation in commit, but the wind gauge movement is only put in on up- in those, and wa's \$100 extra.

L. N. MOGG TELESCOPE.

For hunting and target purposes. Prices. Telescope with mountings, No. 1 and 5, 8 7 cm. Mountings, 82 50.

Descriptive catalogues containing full explanations and advantages of also ve Telescopes sent on a; pluration,

BAVAGE ARMS CO., Utica, N. Y.

Savage Ideal Reloading Tools.

FOR SAVAGE 303 MAGAZINE RIFLE.



The pure is the first common are the graduations in the ideal Universal measures. Model 1879, which are for grains weight black needer only.

1). Our color of the Savage Strackeless, No. 1, 1999 Powder, for same both measurements as black nowder.



Graduation in Messages Let Donk Powder

direction for the design of the term of term of the term of term of the term of the term of te

THE "IDEAL" CYLINDR CAL ADJUSTABLE MOULD.



For Palehod Builets only,

Price, \$3.00.

"Ideal" Cylindrical Adjustable Mould for No. 5 Paper-patched Bullet

The efficiency to receive the property of the property of the property of the perfect to the perfect of the

I sale who we have a sign of me and the control of the exercise of the control of the following the control of the

The life of the present to at ... I be used to go bear few to be in the inside a no or post of the inside when reserved do not served the proper and bear to be a to be a served end end yest. With the biles of wood used for striking the cut fit, were by a the problem which will peak the bollet at

Savage Ideal Reloading Tools.

FOR SAVAGE 303 MAGAZINE RIFLE.

10 grains

M plature H.

I town you



Savage Ideal Reloading Tools.

FOR THE SAVAGE 303 MAGAZINE RIFLE.

DESCRIPTION

The We CT of w I ret of the f War . I wange carterines

- Men I Roy a read of strate of the state Meta Con red B 1 and
- We are the moment of the second of the secon

The billion of a sign of the built and the fall was a sign of release

- No. 1 Regular Language and a second to the second to the second to the second
- Chamber A crime.

The Y I well the monatore of an ery Bow I rel at the f him his he hange carte love

N. 4 Leaf 15, 12 months of horse wallenger Charmer B does not crimp. 12 grains Chamber B does not crimp.

When he find a part of the tool,

cap extractor, will be a nil the Savage energy on the first harge cups regular appearent or monature chamber it mit all the

Transfer to the firstell

At a 1 - ' (1) a word on the control of the state for the first the first transfer the state of the state of

Miniature Metal Bullets must be seated by hand before crimping.

CAUTION. It was so knows proceed to a large of medicated and Manufactures out to the responsible

3° series of the site of the site of the series of the ser

It will be I shall be a face from a serious of the contraction of the state of the serious of th

DO NOT EXPERIMENT.

The banage it the as a canadood one whom said we seem not to manda total and loaded by the banage Arms Company,

The Killing Power

OF THE .303 CALIBER SMOKELESS POWDER CARTRIDGES USED IN THE SAVAGE RIFLE

Effect of the Expanding .303 Bullet on Animal Tissues.

The small 303 caliber expanding bullets, when they first appeared on the market, excited some little derision among old sportsmen and hunters, who had always considered the large caliber bullet necessary to secure effective results on big game. Their experience was only with black powder, and their deductions were correct, under those conditions.

The immensely increased velocity imparted to these small 303 caliber bullets by modern smokeless powder is the secret of the enormous amashing power of the modern small caliber bullet. The soft nose of the expanding bullet expands on impact with the softest tissues, splitting the jacketed portion, deforming the whole builet to such an extent that the wound made covers a larger area than ever before seen

So rapidly is the knowledge of these facts spreading that by 1905 it will not be necessary to take up space in a catalogue with this information.



WOOD ISLAND, ALASKA.

MISSES BAKER & HAMILTON.

Legofan Os before being

atr. & by a "avage 3-3 suparal ng hat

San Francisco, Cal-

Jan 17, 1898 Gentlemen: Referring to the Savage I hought from you last year, it may be of interest to you to know that I have succeeded in killing a while with the latt may room bullet. I believe that this experience is very exceptional and probably quite different from any testimonials you have received heretafore. In a idit on to this I have shot other large game. I consider it the best rifle

I have ever used and I have used all kinds of modern repeating rifles and am free to say that I prefer the Savage to any.

Yours very traty. E T EZEKIEL

Resident Agent North American Commercial Co.

SAVAGE ARMS CO. UTICA, N. Y.:

Rules. The first one I kell on the zerb, hay of September, the I discovered below to a figure as a skell after a reflecting chase a second dings ting a most. He got above half a mile away from us and interest a skell after a reflecting a few months after he had gone in behind the we discovered him starring on the bank not to excess sixty saids from the host. I should also have jumped and can towards the woods, with were about one homoral feet distant. Just as he was about to enter them be tell dead, and when we get to him he had be acted him last. He was she to blind the forward shoulder, the half that are get be arterness away. I so from the heavet tearing his longs and hedged on the other note just under the skin, where it could be easely follow. The half had passed through the robs and hedged on the other note just under the skin, where it could be easely follow that all passed through the robs and hedged on the other odds just under the skin, where it could be easely follow along the above the spect who re he should not find a drop of blood between the spect who re he stood when I should not find a drop of blood between the spect who re he stood when I should

and where he fell. When we dressed him, however, we found him to be simply a mass of blood inside. This animal was estimated by he go deat own ghi (se) pounds. The second one I killed on the 26th day of September, 1896. My guides, who were getting breakfast, discovered him standing across a little bay from our camp, leisurely feeding at the edge of the water. They called me cuts flavtent and pointed the old fellow out. I went back, got my ride, and told my wife, who was with me on this trip. what I had seen. After we had all slewed this fine specimen for about five minutes, beturnedroundbroadside and Laimed just over the ridge of his back. I hurpedly estimated the distance to be between three



wards found it to be \$80. When I shot he first plunged into the woods. After training him about has a mile and tinding very little blood, we found him dead. The heller had entered our inches above and three in hes back of the heart and passed but on the other side, making a smaller him where it passed out than where it entered. It had however shed the metal jacket. The large were tadly torn to process, an internal

and four hundred yards, and we after-

here exchange out then place I as differ an armon bill tenevery testing of The weight of the see of new macros could be between \$100 at 1 1000 people. In the total armon of the armon of the transfer of the second of the second

with your rate, I remain. Strike to the present of the property of the propert

FI Receit is 1 should like to say a few words in answer to Generally like I am a Western nor and somewhat fan I arwich the type of manufer early bette represents, and at one time was imposed to back to only about against all colors, but I face come in out of the smoke

I will make the proposal or to Post. I will but I in that I can shoot through a grade or divise actions a . Sanga and he sationed do not see a with the 40.00. Further I an knock away is not a grazely a house with the same Sanga t as he

can with 10 from his ,45 70,

"Perthern at the colors of Protty good, lete III hado to the index faith in the serie ty of Western consultantly, show as parter are I'd aware that you were every a color to the bank of several as protection of the time of the protection of the several as a several as a protection of the several as a protection of the several as a several as a protection of the several as a sever

If the celebrate will care the last lake the seath consecutives at the entry of and demonstrate my continue to be entry and the a Market before the parameters and

dust have settled, we's all our pages and scan the result for a new idea.

R. R. JONES

TOWNSEND, MONT.

Many Sanage Arms Company, Print, N. Y.

Jan 121 Jan

tendered less as a medical service. I think he south impression is so that a representation of the service of t

Next a Pel rel terrel to Time is there o as reverse wind if you I like the bases to short in the wind as

the larrelys small and not by magazine to eatel the wireland blow your rule to the sign

Very truly yours,

J. S. KING.

PINEHAMPTON, COLO.

BEODELTE, N. Y., Oct. 31, 1809.

MR ARTHURSAY CON GON MOR SALAR LAMS CO. LTD. C. N.Y.

Here S. I have just ret position as L. togother with one hold recensed two holds also had at no dead in their tracks with creater or in a parchamother. Let other means a destates of forwards without exact a free the proposed fixed split a rest the lake and in three box tells before relationship a track of three. There were here build fill wing two consists of the parchamother three box to the formation and at the fill more means relatively part by story a space less than the column tells and the control of the control base of the control base of the control of the contr

I find of a beliance on a lake at an extensive delector of "(0) and with the coating through a coating the sight control being it a lettle coat his back and worlded or in one log as the perfect bless in a track made by a fore first a world. That was the hext and only thought at a region was 'rear and the first grant at the perfect being at him with my Sanage, and I have killed door, more and car be a with rear to

Youken trucky,

rentine ruthed grows partials, etc.

SAVAGE ARMS COMPANY, UTICA, N. Y.

Gentlemen—I purchased a Savage rife last fall and an more than phased with it. I have used all the popular makes of gens but and savithar a gen with which I am a quanted place sees the killing and stopping power of the Savage. It creatly is the most savage of a low reason time decreated in the second point of the speak of non-ball his head literally showed to the reason without striking any beneat to could be going by varies. A great show it he but the ball to the first world a seft point but that its head its bear a to ally torm off. This goese was killed at 125 pards measured, with an exact lingly lines glit thereby showing the that trajectory of the ball.

Aportor becaused the reliabore the feart with a sine a sight as I could make, at a distance of about 100 yards. I take please to the more a given to the feart with and most allow game to except, suffer for

days and die of wounds and be entirely lost,

I wal state that this is written we hard solicitation, as I am sure you never heard of the before.

Yours respectfully,

Lo Lo, Mover.

GEORGE C. RICE.

NOAH PALMER

CANON CITY, COLO., March 30, 1800

SAVAGE ARMS CO., UTICA, N.Y.

Gentlemen—Your Savage 11th trade to my special order real and me vestering by express, and my office has been crowded all day by specialized and histories. When is need the observes we all of a historial to be a thread of the same lifty we adolest their banks limit to read I trade last year with one from the on Alaska. I think cannot be not to say technique to

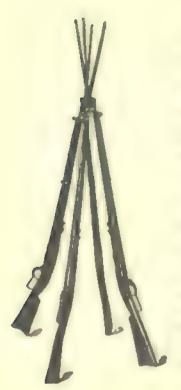
The appear of the last or last rate mace then to delive value, and thoky con where on of the best all rand

guiss on the ranged down rate from freely her manta gun and the love re you fe gror we order wen

Yours very truly,

DALL DE WEESE.





The military rifle has the same action as the sporting rifle, but it is fitted with the usual military fore-stock, bands and bayonet. The butt plate and sights are also of a military design, while the barrel is twenty eight inches in length. This rifle embodies the following essential points of excellence, six. Safety, certainty of action, case of manipulation, simplicity arising from few parts, less conditions required to load and operate the mechanism than any other magazine rifle, and great durability. The breech bolt is in one piece, strongly supported at both ends, the recoil is taken up directly in the rear and not at the side of the chamber. There are no projecting knobs, hammer or bolt handles to become entanged in straps and clothing, the rifle has a remarkably clear, smooth appearance, free from all protuberances.

The tring mechanism can not be operated until the rifle is safely breeched up and locked, the firing pin is cammed back from the face of the breech hold in the first movement of the lever to unbreeching the rifle. Double leading or jamming of cartridges is impossible, shells are positively ejected, however slowly the mechanism is operated.

In leading either as a single leader or magazine rifle, it is only necessary that the cartridges be placed down in the breech opening heads to the rear. The act of placing the cartridge in the breech opening presses the automatic cut off into its recess thereby "cutting off" the cartridges in the magazine below. This automatic arrangement eliminates the necessity for a "cut off" operated by the seldier, thus reducing the conditions for reserving the magazine carrindges.

If a soldier fails to place a cartridge in the breech opening, a cartridge will be fed up automatically from the magazine. The rifle can be alternately and automatically used as a single loading and as a magazine rifle.

The extracting of empty shells is positive with the multiplied extracting power of over twelve to one, each empty shell is fully ejected from the rifle to the right before another carriedge can be I added or fed up from the magazine.

A numerical indicator exposed through an opening in the frame always shows the number of cartridges contained in the magazine and also shows when the magazine is empty. Two short movements only are required to extract and eject the fired shell, load, breech up and cook the firing mechanism, ready to fire. No special tools are required to dismount and assemble the action. The working mechanism is exposed to view by removing the butt-stock. Dangerous pressures from compressed powders are avoided by holding all the magazine carteliges by their rims in a retary sprocket, thus preventing the bullets from being pressed too far into the shells from the action of recoil.

Magazine cartridges can be safely removed from the rife without cocking the firing mechanism. Cartridges are loaded into the magazine through the process opening thereby obviating any necessity for hinged trap doors, fiders or any coverings. Dangers arising from the use of high explosive powders in shock having defective heads or primers are wholly overcome by providing a solid after breeching shoulder between the eyes and head of the operator and the chamber making it impossible for the powder gas to escape to the rear.

The highly popular and reliable lever action is used in the basage rife. It enables the soldier to operate from the shoulder or aiming position, this action also permits of using the rifle in any position, either atanding, sitting or lying prone. At Creedmore the basage rifle was placed in the bands of soldiers of the New York biate guard who operated the rifle while lying prone, in competition with bolt-action rifles, finly doministrating the practicability of the basage lever system for this position. A soldier can work a basage rifle closer to the ground than be can under the same conditions a bolt-action rifle.

The lever g sard on the Savage rifle and carbine makes it safe and reliable for the use of cavalry. It is impossible for bridle reins or straps to become entingled with the trigger and thereby covarion accidents.

The action of the 'ever's short and requires little power to operate, the arm being very quick and handy. The point blank military range is up to 600 yards.

On large contracts the Savage M Litary rifle can be manufact ired to take any military cartridge,

The Savage Military rifle since it has been perfected, has won every contest in which it has competed.

In the matter of a lection of improved firearms for the National Grard of the State of New York, the Savage rife was recommended by the Commission appointed by Governor Moston, who, however, argued economy as his reason for not making any change from the old black powder appointed rifles. The late war with Spain has once for all ideministrates, the folly of itsing single-shot black powder rifles in modern warfare against anothers pewder magazine rifles.

Extract of George Kennan's Story of the War-The Outlook, August, 1898.

An ong the v. Indicer regiments that were builty ongaged and list heardy in Friday's liattle were the Seventy first New York and the Second Massachusetts. Both were armed with Springhell rifles, and this put them at a great disadvantage as compared with the rightest allef whem used hing Jorgensen rides or carbines with an keless pewder. In a wooded and chajarral-covered country like that around Santiago, where it is so easy to und convealment and so difficult to see things at a distance, the use of standardess powder is of the unit ast possible importance. A body of men may be perfectly hidden in woods or chaparral within the I undeed yards of the errors's intreach nexts, and if they use sinckelies powder they may be from their for half an hour without I ring seem or getting a reservable, but if they are armed will Springfelds, the sursky from their very first volley reveals to the eleming their exact position, and the chapse ral that composits them is torn to present by a half-stor unit project less from Mausers and reachine gons. It is cent, and one as nable to ask men forgorithe action in a field like this, with reflect that can be used only with couldn't sowder. It is g' as well require our men to host above the bushes and chaparral a big flag emblazance with the words " Here we are " Dr. Hetchesck, surgeon of the Second Massachusetts, fold me that again and again when they were lying contraded in dease acrub to a de a regiment of regions, the latter world fire for twenty minutes without attracting a single returnshot from the errors a lone but it e reconent the men of the Second Massachusetts began to use their Springle da, and the smoke began to rise above he bushes, the Spaniards would concentrate their are upon the spot, and kill or wound a degen men in as many miruter. It is to be looked that New York and Massachusetts will not send any riore men to Cu as well these antiquated guins. They were good energy in their day, but they are peculiarly uncouled to the conditions of warfare in this field.

GEORGE KENNAN, Santiago de Cuba.

Report of the New York State Board of Examiners to select Improved Arms for the National Guard.

The Savage magazine rife, lever action, magazine holding five cartridges, in strength and fewness of parts, very close compliance with the closen "salient points in entioned in the instructions for the consideration of the Heard by the Adjutant teneral, case of manipulation, and general all round excellence, won the unanimous decision of the Board of Examiners as being clearly the best inditary magazine r fle submitted for their examination.

POREIGN BOLT MILITARY MAGAZINE RIFLES.

We have also very critically examined a number of mil tary magazine rifles in use in the army in this country and in Europe of foreign invention, and are free to say that in our opinion, all points are fully considered, the Savage magazine rifle herein recommended is far superior in simplicity of construction, safety, ourability effectiveness, accuracy, hearty of outline rase and certainty of manipulation, and for the double and ready use as a single loader or as a magazine gun, to any foreign magazine arm we have mai-ected.

We feel confident that with the Savage magazine rifle placed in he hands of the National Guard of the State of New York a new life will be imparted to the art of target practice, great pride in the accuracy and beauty of the arm developed, and the very best weapon in the world for military torge ses secured for their use

We therefore analyses asky recommend that the Savage military magazine rifle be adopted for the use of our National Guard under the authority of Chapter 600 of the Laws of 1895,

Respectfully submitted.

ALBERT D. SHAW, Chairman, E. W. BLISS, ROBERT H THURSTON Commissioners.

Extract from the Mexican Board of Army Officers selected by President Diaz for testing the Savage Military Rifle.

(Translation.)

Max100, June 19, 1847.

The SAVAGE rifle is remarkable for its magazine, which is charged with one cartridge at a time until five have been loaded and one also in the harrel chamber, which can be reliaded whenever necessary without interfering with those in the magazine, for which reason this weapon may be called one of yell a tary repetition.

In view of the number of shots made with the rifle without san s being blocked in its mechanism or injured or broken in any way the number of shots fired was about nine hundred), it may be said to have the necessary strength and sendity, and on exammation of the various parts of the weapon, it was found that these processed as far as possible the necessary resisting powers,

The pewder experiments proved very satisfactory, the weapon resisting the charge, which was an excessive one perfectly well. The rimined carrieds used by the Savage rife is alrantageous as compared with those made with a general head used by other weapons, on account of the greater security they offer for the purpose of extraction and their greater resistance. (Signed)

MEXICO, June 19, 1897.

LIEUT, COL, A. IBERRI. LIEUT, COL GILBERTO LUNA. GENERAL I. SALAMANCA, President.

Telegraphic and Cable Code.

Cable Address:- "SAVAGE, UTICA."

Kernel.

Lackey.

| SPORT | NG RIFLE | S. | | CARTRIDGES. |
|---|------------------|-------|-------|---|
| ,203 cal., 26-inch barrel, | ROUND, Abate, | OCT. | Cub. | .303 cal. Savage Smokeless Powder Cartridges, Kail303 cal. Savage Smokeless Powder Expanding Bullet Cartridges, |
| .503 cal., 26-inch barrel, shotgun butt plate, | Abit. | BIII. | Can. | .303 cal. Savage Smokeless Powder Miniature Bullet Cartridges, |
| .303 cal., 22-inch barrel, shotgun butt plate, | Aback. | _ | _ | ,303 cal. Savage Paper-patched Bullet Cartridges, Kin. ,303 cal. Savage Smokeless Powder Miniature |
| .303 cal., 28-inch barrel, | Abed. | Bale. | Cat. | Metal-Covered Bullet Cartridges, . Kiss. |
| .303 cal., 30-inch barrel, | Abode, | Barb. | Cake. | ,30 cal. U. S. Government Smokeleas Powder Cartridges, |
| MILITA | RY RIFLE | S. | | 0115112 |
| .303 cal., 28-inch barrel, | | | Dace. | SHELLS. .303 cal. Savage Regular Shells, . Label. |
| CA | RBINES. | | | .303 cal. Savage Miniature Shells, Lace. |
| .303 cal., 20-inch barrel, | | | Fig. | .30 cal. U. S. Government Shells, Lacket |

| BULLETS. | SAVAGE IDEAL RELOADING IMPLEMENTS. |
|--|------------------------------------|
| .303 cal. Savage Metal-Covered Bullet, Make | .303 cal. Savage Cartridge No. 3, |
| .303 cal. Savage Expanding Bullet, Man. | QUANTITY. |
| .503 cal. Savage Paper-Patched Bullet, Master. | Use simple numbers up to 20. |
| .203 cal. Savage Metal-Covered Miniature Bullet, Mat. | 25, |
| .30 cal. U. S. Government Metal Covered Bullet, Manage | 50, |
| PRIMERS. | 500, |
| Savage Primers (No. St), Net. | 2,000, |
| POWDER. | 10,000, Offal. |
| Savage Regular Smokeless Powder, No. 1, Pacha | 20,000 |
| Savage Miniature Powder, No. 3, Pad- | 100,000, |



Mr. Arthur Savage, the inventor, firing the Savage Magazine Rifle as a single loader with the following parts of the mechanism taken out:

- 1, Magazine Carrier.
- 2, Magazine Spindle,
- 3, Magazine Spring,
- 4, Magazine Spindle Screw,
- 5, Automatic Cut-off,

- 6, Automatic Cut-off Spring,
- 7, Retractor,
- 8, Retractor Screw,
- 9, Trigger Spring,

- 10, Trigger Spring Screw,
- 11, Bolt Stop,
- 12, Bolt Stop Screw,
- 13, Trigger and Lever Lock.

The above parts constitute nearly one-half the mechanism.

The recoil is so slight that the rife can be fired without the support of the fore and butt stocks.

